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Technology Center 2600

IN THE CLAIMS:

1. (Amended) A method of evaluating a base station without missing a digital control channel paging frame (paging frame), comprising the steps of:

as receiving a first paging frame from a first base station;

initiating a timing sequence after receiving said first paging frame;

scanning for system parameters from a second base station; and

receiving a second paging frame from said first base station.

as 6. (Amended) The method of Claim 1, wherein the duration of said scanning step is limited to a predetermined amount of time, said predetermined amount of time being dependent on mobile station architecture.

9. (Amended) A method of evaluating a base station without missing a digital control channel paging frame (paging frame), comprising the steps of:

a4 initiating a timing sequence after receiving a first paging frame from a first base station;

selecting a second base station to be evaluated during said timing sequence;

scanning said second base station transmissions for system parameters; and

receiving a second paging frame from said first base station.

a5 13. (Amended) The method of Claim 9, wherein the duration of said scanning step is limited to a predetermined amount of time, said predetermined amount of time being dependent on mobile station architecture.

17. (Amended) A system of wireless base station and mobile station communication, comprising:

a6 first and second base stations transmitting digital control channel paging frames and system parameters; and

a mobile station registered with and receiving paging frames from said first base station;

wherein receipt of a first paging frame from said first base station triggers evaluation of said second base station, said mobile station evaluates said second base station based on transmitted system parameters of said second base station

ap without missing said paging frames from said first base station.

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24. (Amended) A mobile station, comprising:

a control head;

an a transceiver unit, comprising

a transmitter;

a receiver; and

a logic control assembly at least partially controlled by said control head; and

an antenna assembly connected to said transceiver unit;

wherein said logic control assembly controls the operation of said transceiver unit to scan for and evaluate transmitted parameters of at least one base station under evaluation without missing digital control channel paging frames from a registered base station, wherein said transceiver unit receives said parameters only during a predetermined period of time, a duration of said period of time being dependent on the amount of time between said paging frames for said mobile station transmitted by said registered base station.

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ab 29. (Amended) The mobile station of Claim 24, wherein said transceiver unit can receive said parameters only during a